

KERN PWS 8000-1



High-resolution precision balance made of stainless steel with IP protection



Construction

| | |
|---------------------------------------|-----------------|
| Dimensions completely mounted (W×D×H) | 310×208×87 mm |
| Dimensions weighing surface (W×D) | 190×190 mm |
| Material housing | stainless steel |
| Material weighing plate | stainless steel |
| Material platform | Stainless steel |
| Levelling feet adjustable | ✓ |

Functions

| | |
|--|-----------------|
| Number of keys for operation | 9 |
| Auto-off interval(s) in battery mode/rechargeable battery mode | 3 min |
| Capacity display | ✓ |
| Tare function | manual (multi) |
| Percentage determination | ✓ |
| Counting function | ✓ |
| Tolerance weighing | ✓ |
| Underfloor weighing | Eye (optional) |
| Interfaces | RS-232 standard |
| IP protection - complete device | IP65 |

Counting

| | |
|---|----------------|
| Smallest piece weight when piece counting - laboratory conditions | 100 mg |
| Smallest piece weight when piece counting - normal conditions | 1 g |
| Counting reference weight can be entered | ✓ |
| Reference quantity | 5, 10, 30, 100 |
| Counting resolution (laboratory conditions) | 82.000 |

Power Supply

| | |
|---|---------------------------------|
| Input voltage power supply / power [Max] | 100 V - 240 V AC 50/60 Hz 0,3 A |
| Input voltage device / power [Max] | 5,95 V, 1 A |
| Plug-in power supply type | Power adapter |
| Supplied plug-in power supply | Power supply unit |
| Plug-in power supply / adapter for countries - included with the delivery | EURO AUS UK US CH |
| Plug-in power supply / adapter for countries - optional | EURO AUS UK US CH |
| Battery | 4×1.5 V AA |
| Battery operating time | 200 h |

Category

| | |
|------------------|---------------------|
| Brand | KERN |
| Product category | Laboratory balances |
| Product group | Precision balances |

Measuring System

| | |
|--------------------------------|--------------------------------|
| Readability [d] | 0,1 g |
| Weighing capacity [Max] | 8200 g |
| Number of weighing ranges | 1 |
| Eccentric loading at 1/3 [Max] | 0,3 g |
| Reproducibility | 0,1 g |
| Linearity | ± 0,1 g |
| Weighing system | Tuning fork |
| Resolution | 82.000 |
| Tare range | 3200 g |
| Units | kg g ct |
| Default unit | g |
| Stabilization time | 3 s |
| Warm-up time | 120 min |
| Adjustment options | Adjusting with external weight |
| Recommended adjusting weight | 2 kg (F1); 5 kg (F1) |

Approval

| | |
|---------|---|
| CE mark | ✓ |
|---------|---|

Display

| | |
|---------------------------------|-----------------|
| Display digit height | 16,5 mm |
| Display backlight | ✓ |
| Display screen size | 109×27 mm |
| Languages of the user interface | Symbol language |

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| | |
|---------------------------------------|------|
| Battery operating time - backlight on | 32 h |
|---------------------------------------|------|

| | |
|--|-------|
| Battery operating time - backlight off | 200 h |
|--|-------|

Environmental conditions

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|-------------------------------|------|
| Humidity of environment [Max] | 80 % |
|-------------------------------|------|

| | |
|---------------------------|-------|
| Ambient temperature [Min] | 10 °C |
|---------------------------|-------|

| | |
|---------------------------|-------|
| Ambient temperature [Max] | 30 °C |
|---------------------------|-------|

Packing & Shipping

| | |
|---------------------------|-----|
| Readability force [d] (N) | 1 d |
|---------------------------|-----|

| | |
|-----------------|----------------|
| Shipping method | Parcel service |
|-----------------|----------------|

| | |
|------------------------------|----------------|
| Dimensions packaging (W×D×H) | 325×405×230 mm |
|------------------------------|----------------|

| | |
|--------------------|--------|
| Net weight approx. | 1,6 kg |
|--------------------|--------|

| | |
|----------------------|--------|
| Gross weight approx. | 3,0 kg |
|----------------------|--------|

Services (optional)

| | |
|--------------------------------------|---------|
| Article number for DAkkS calibration | 963-128 |
|--------------------------------------|---------|

Piktogramme

STANDARD



OPTION

